

Attorney Docket No.: 320727.51001

Customer No. 27160

U.S. Patent Application No. 10/697,870

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re Application of:

Lola M. REID et al.

Group Art Unit: 1744

Application No.: 10/697,870

Examiner: Not Yet Assigned

Filed: October 31, 2003

Confirmation No.: 9017

For:

TEXTILES FOR USE IN

BIOREACTORS FOR EXPANSION AND MAINTENANCE OF CELLS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 July 21, 2005

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56 and in accordance with the practice under 37 C.F.R. §§1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Forms PTO/SB/08A and PTO/SB/08B. In accordance with current practice, copies of any listed U.S. Patent documents are not being provided.

FORMAL MATTERS

In accordance with 37 C.F.R. § 1.97(b)(3), since a first Official Action on the merits of the subject application has not yet been issued, neither a certificate, petition nor payment of a fee is believed to be required for this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 50-1710.



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CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Forms PTO/SB/08A and PTO/SB/08B be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3500. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

Gilberto M. Villacorta, Ph.D.

Registration No. 34,038

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Patent Administrator KATTEN MUCHIN ROSENMAN, LLP 525 West Monroe Street Chicago, Illinois 60661-3963 (202) 625-3500

PTO/SB/08A (08-03)

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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/697,870				
Filing Date	October 31, 2003				
First Named Inventor	REID, Lola, M.				
Art Unit	1744				
Examiner Name	Not Yet Assigned				
Attorney Docket Number	320727 51001				

				DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 5,622,857	04/22/1997	Goffe	
		^{US-} 5,183,566	02/02/1993	Darnell et al	
		^{US-} 4,816,028	03/28/1989	Kapadia et al	
		^{US-} 5,176,708	01/05/1993	Frey et al	
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		FOREIG	N PATENT DOCU	MENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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	FORMATION DISCLOSUR			Complete if Known	
1.79.13	RE 101 101111 1440/1 10			Application Number	10/697,870
INF	ORMATION	DIS	CLOSURE	Filing Date	October 31, 2003
STA	TEMENT B	BY A	PPLICANT	First Named Inventor	REID, Lola M.
	(Use as many she	ate ae ni	oressan/l	Art Unit	1744
	(Ose as many sne	013 43 11	ecessury)	Examiner Name	Not Yet Assigned
Sheet	2	of	4	Attorney Docket Number	320727.51001

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Busuttil, R. W. et al. Ann Surg 1987, 206, 387	
		Abe, T. et al., Therapeutic Apheresis 2000, 4:26	
		Xu, A.S.L. et al., 2000 in Lineage Biology and Liver, Lanza, R.P., Langer R., and Vacanti, J. (Ed.), Academic Press, San Diego, pp. 559-597	
		Brill, S. et al., Differentiation 1995, 59, 95	
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		Kasai et al. Artif Organs 1994, 18, 348	
		Macdonald, J.M. et al. NMR Biomed 1998, 11, 1	
		Glacken M.W. et al. Ann NY Acad Sci 1983, 413, 355	
		Catapano, G. et al. Int J Art Organs 1996, 19, 61	
		Macdonald, J.M. et al., 1999, in Cell Encapsulation Technology and Therapeutics, Kuhtreiber, W., Lanza, R.P. and Chick, W.L. (Eds.) Birkhauser Boston, Cambridge, pp. 252-286. In bioartificial livers with serial oxygenation aerated with air, oxygen becomes axially limiting in perfusion media by 25 mm	

Examiner	Date	
Signature	Considered	

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Substitute for form 1449/PTO INFORMATION DISCLO STATEMENT BY APPL (Use as many sheets as necessary)			Complete if Known		
Gubstitut	10 101 101111 1440/1 10			Application Number	10/697,870
INFO	ORMATION	DIS	CLOSURE	Filing Date	October 31, 2003
STA	STATEMENT BY APPLICANT		First Named Inventor	REID, Lola M.	
٠	(llee se many cha	note se n	ococean)	Art Unit	1744
	(USe as many sne	ets as III	ecessary)	Examiner Name	Not Yet Assigned
Sheet	3	of	4	Attorney Docket Number	320727.51001

	_	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Smith, M.D. et al Int J Artif Organs 1996, 19, 36	
		Callies, R. et al., Bio/Technology 1994 12:75	
		Cremmer, T. et al. J Cell Physiol 1981, 106, 99	
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		Mufti N.A. and Shuler, M.L., Biotechnol. Prog., 1995, 11, 659	
		Sato, Y. et al., Surg. Today, 1997, 27, 518	
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		Bissell, D. M. Scan J Gasterenterol-Suppl 1988, 151,1	
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,		Mooney, et al," Long-term Engraftment of Hepatocytes Transplanted on Biodegradable Polymer Sponges," J. Biomed. Mater. Re., 37: 413-420 (1997) (incorporated by reference in entirety)	

Examiner	Date	
Signature	Considered	

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	(Use as many sne	GLS 63 116	ecessary)	Examiner Name	Not Yet Assigned
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		Mehri, et. al., "Cellular Reactions to Polyester Arterial Prostheses Impregnated with Cross-Linked Albumin: In Vivo studies in Mice," Biomat. 10(1): 56-58 (1989)	
		Gupta et al., "Bio-mechanics of human carotid artery and design of novel hybrid textile compliant vascular grafts," J. Biomed. Mat. Res. 34:341-349 (1997)	
		Mizelle et al., "Development of Biomechanically Compliant Arterial Grafts," Proc. 15th South. Biomed. Eng. Conf., IEEE, 110-113, (1996)	
		Mickelson, J.K. et al. Hepatology 1995, 22, 866	
		Block, G.D. et al. J Cell Biol 1996, 132, 1133	
		Sanchez, A. et al. Exp Cell Res 1998, 242, 27	
		Hornicek, F.L. et al. Bone Miner 1988, 4, 157	

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